



-33-

SEQUENCE LISTING

<110> Kapoor, Archana
Munshi, Anil

<120> MEMBRANE-ASSOCIATED IMMUNOGENS OF MYCOBACTERIA

<130> A-57004-4/RFT/JJD

<140> US 09/432,820

<141> 1999-11-02

<150> US 09/099,902

<151> 1998-06-18

<150> US 08/710,676

<151> 1996-09-23

<150> US 08/192,632

<151> 1994-02-07

<150> US 07/906,395

<151> 1992-06-29

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Asp Leu Ala Arg Ala Thr Met Arg Thr Val Lys Leu Asn Met Val Trp	
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 Gly Thr Arg Val Ala Thr Ile Asp Thr Ser Glu Ala Val Asp Ala Ala
 50 55 60
 Ala Leu Cys Gln Ala Val Arg Arg Ala Gly Tyr Gln Ala Asp Leu Cys
 65 70 75 80
 Thr Asp Asp Gly Arg Ser Ala Ser Asp Pro Asp Ala Asp His Ala Arg
 85 90 95
 Gln Leu Leu Ile Arg Leu Ala Ile Ala Ala Val Leu Phe Val Pro Val
 100 105 110
 Ala Asp Leu Ser Val Met Phe Gly Val Val Pro Ala Thr Arg Phe Thr
 115 120 125
 Gly Trp Gln Trp Val Leu Ser Ala Leu Ala Leu Pro Val Val Thr Trp
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 Ala Ala Trp Pro Phe His Arg Val Ala Met Arg Asn Ala Arg His His
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 Ile Trp Ser Leu Tyr Thr Val Phe Gly Asn His Ser Pro Ile Glu Arg
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 Ser Gly Ile Trp Gln Ala Leu Leu Gly Ser Asp Ala Ile Tyr Phe Glu
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Pro	Gly	Gln	Ile	Val	Ala	Ala	Asp	Gly	Leu	Ala	Val	Asp	Gly	Ser	Ala	275	280	285	
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His Leu Asp Val Val Pro Leu Ala Leu Asp Leu Ala Arg Ala Thr Met
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Ala Ala Met Ala Phe Ser Ser Phe Phe Val Val Ser Asn Ser Leu Arg
725 730 735

Leu Arg Lys Phe Gly Arg Tyr Pro Leu Gly Cys Gly Thr Val Gly Gly
740 745 750

Pro Gln Met Thr Ala Pro Ser Ser Ala
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